**BHARATHIAR UNIVERSITY: COIMBATORE 641 046**

**TIME EXTENSION TENDER NOTICE**

**Ref.No. C7 / CRTD/ Chemistry /DST-SERB/ 327 /2022 Date: 27.10 .2022**

Date has been extended up-to 3.00 p.m. **on 17.11.2022**  for submission of Sealed tenders in two bids (technical and commercial) for the supply of **Multimode plate reader to the DST-SERB Project, Dept.of Chemistry .**

Tender Documents can be downloaded from **our website:** [**www.b-u.ac.in**](http://www.b-u.ac.in)**. from 27.10.2022 to 17.11..2022** The tender cost of **Rs. 6,300/- and EMD Rs. 29,100/- in** the form of DD drawn in favour of **The Registrar, Bharathiar University, Coimbatore has to be enclosed while submission of tender .**

**REGISTRAR i/c**

**BHARATHIAR UNIVERSITY**

Copy to

1. PS to the V.C.
2. PA to the Registrar i//c
3. The Finance Officer,BU
4. Dr M Ilanchelian, Associate Prof , Head i/c & PI ,DST-SERB Project,, Dept.of Chemistry,BU
5. Data Centre i/c, - with a request to host the above in the Univ.website

**BHARATHIAR UNIVERSITY –COIMBATORE 641 046**

**TENDER TERMS AND CONDITIONS**

* + 1. Sealed Tenders will be received by the **Registrar, Bharathiar University from the reputed firms** up to **3.00 p.m. on 27.11.2022**  in **two bids (Technical & Commercial)** for the **supply and installation of multimode plate reader , DST-SERB Project, Dept.of Chemistry as specified in the schedule (Appendix ).**
    2. Tender should be addressed to the Registrar, Bharathiar University and should be only in sealed covers by Registered post/ or in person. Tenders received in ordinary covers without seal will not be considered.
    3. The tender cover with **Ref. No. should be superscribed as “Tender for the supply and installation of multimode plate reader , DST-SERB Project, Dept.of Chemistry**  **Due on 27.10.2022. The** covers received without such superscription will be rejected summarily. All covers containing the tender should be sealed. Separate sealed covers should be used for technical and price bid and please be superscribed on the cover .
    4. **Technical Bids will be opened on 27.11.2022** at 4**.00 p.m. by the Registrar or his/her nominee in the presence of the tenderers** or their representatives may be present at the time of opening. The representatives of the tendering firms who attends during opening of the tenders must produce their identification proof and authorization letter from the tendering firms

If the tenderers are unable to participate at the time of tender opening kindly be informed to the Registrar through mail [directorcrtd@buc.edu.in](mailto:directorcrtd@buc.edu.in)

**Price bids will be opened after technical evaluation of bids which will be informed later.**

1. The tender shall be accompanied with the requisite Tender Cost of **Rs. 7,080/- (inc of GST ) and EMD of Rs 21,250 /-** in the form of DD drawn in one of the Nationalized Banks in the name of “Registrar, Bharathiar University” payable at Coimbatore. Bank Guarantees will not be accepted. (OR) **the amount may be transferred to the University General Fund Account No. . 822610110002100 and the transaction receipt should be enclosed along with the tender**
2. Tenders without EMD shall be summarily rejected. EMD will not carry any interest. If tenderers specifically exempted by the Government from the payment of tender cost & EMD necessary certificate (SSI, NSIC,MSME) in respect of the item for which the registration certificate has been obtained should be enclosed .
3. **The University is not be responsible for any postal delay in receipt of tender. Delayed/Late bids will not be accepted at any circumstances. Any tender received after the due date will be returned to the tenderer**
4. The tender shall be valid for a **maximum period of 180 days** from the date of opening of the tender in acceptance. If the tender validity is less than **180 days** the tender will be rejected as non-responsive tender. Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it opened, the EMD will be forfeited and black listed.
5. **Faxed bids will be rejected**.

**10) The initial examination shall consider the following factors, namely**:-

(a) Whether the tenderer meets the eligibility criteria laid down in the tender documents;

(b) Whether the tender documents each page have been duly signed;

(c) Whether the requisite Earnest Money Deposit (EMD) with appropriate validity has been furnished;

(d) Whether the tender is substantially responsive to the technical specifications and commercial conditions set out in the tender documents.

e) Tenders which on initial examination are found not to be substantially responsive under any of the above clauses shall be rejected for further scrutiny.

**11). TECHNICAL BID –Evaluation - Eligibility Criteria**

**The bidders must fulfil the following eligibility conditions and also submit the documentary evidence in support of fulfilling these conditions while submitting the technical bid**

1. The brief description of the equipment with make and model
2. A tenderer should be a manufacturer possessing a valid manufacturing license from the competent authority for manufacturing the items. (Documentary evidence to be furnished)
3. The manufacturer ‘s certificate .
4. Documentary evidence should be enclosed.
5. Authorized Dealer can also bid with authorization letter from the Principal Manufacturer of OEM for the proposed equipment who has supplied in India over the past three years. (Documentary evidence to be furnished).
6. **A manufacturer shall not authorize more than one dealer / distributor** for participating in this tender.
7. In case a tenderer is participating as an authorized Dealer/Distributor the

manufacturer of the item should satisfy the conditions mentioned at (b) and (c) above

1. The Copy of the GST Registration Certificate and Copy of PAN
2. The annual turnover of the bidder for the last three financial years
3. The tenderer submitting their offer must have supplied and installed of similar nature of the item most preferably orders received for previous two/three years from Govt department/ Institutions/ University/Govt undertaking/ organizations (documentary evidence to been closed)
4. The tenderer should not have been blacklisted or debarred from participating in tenders by any Central/State Government agencies or autonomous bodies or universities/ institutions. (An undertaking to this effect should be furnished)

**12) The** bidders who fulfil the eligibility criteria laid down will be considered for technical valuation. The price bid of the technically qualified bidders will be opened for negotiation

**13) PRICE BID :** Price shall be quoted as per the format given in Appendix-.

The tenderer shall not carry out any alteration in the format prescribed for Price Bid. The tenderer

shall not enclose any other document or statement that will influence the price.In such an event,

the tender inviting authority shall summarily reject the tender.

**Imported** :The tenderer shall quote the price in currency for **CIP Chennai /FOR Coimbatore inclusive of all other charges** (break up details necessary) up to the destination and should be indicated clearly both in words and figures.

I**ndigenous**: the tenderer shall quote the basic price and GST with warranty. No separate charges for warranty period will be considered

Any scoring or overwriting in the price bid should be attested by the bidder with full signature. The rate quoted should be firm and should not be subject to any variation clauses.

University shall not pay any increase in duties, taxes and surcharges on account of any revision by the Govt after allotment /issue of work order / at the time of supply.

**14) Price bid evaluation will be done for imported inclusive of the customs duty. For**

**indigenous inclusive of GST.**

**15) THE EMD IS LIABLE TO BE FORFEITED :**

i) If the Tenderer withdraws his tender after the tenders are opened., the EMD will be forfeited and black listed.

ii) If the successful tenderer fails to furnish the required security deposit or the agreement, within the stipulated time limit

iii) The EMD of the unsuccessful tenders will be refunded immediately after the tenders are

disposed of by the competent authority.

**16) PERFORMANCE SECURITY :**

i. Successful tenderer has to furnish Security Deposit equivalent to **6.5%** of the ordered value in form of Demand Draft drawn in favour of “The Registrar” Bharathiar University payable at Coimbatore

ii. The EMD of the Successful Bidder will be adjusted towards Security Deposit (SD). (Security Deposit will be released only after the expiry of the warranty period .

**17)PAYMENT**

**Imported:** 100% payment will be made through irrevocable letter of credit in favour of the Principal Supplier (OR) Currency wire transfer after supply in favour of the Principal supplier. Advance payment is not applicable

**Indigenous**: The payment will be made only after supply and installation of the equipment either by Cheque or RTGs

The commissioning and installation should be completed within the stipulated period mentioned in the supply order. If the supply is not made within the period, the supply order will be cancelled and the EMD & Security deposit will be forfeited.

**18) CUSTOMS DUTY & TAXES :**

**Imported :**

The equipment purchase for Research and Development activities. University is registered with DSIR and exempted from customs duty for all research equipments as per the Government Notification No: 51/ 96 Customs Dt.23.7.1996.and Government Notification No.10/97 Central Excise Dt: 1.3.1997. If the equipment has Customs Duty as per Customs Tariff of India, the tenderer should mention HS Code for the said equipment.

The University shall provide all the documents under this notification to enable the supplier to clear the goods whenever required after receipt of invoice, airway bill /shipping notice from the principal supplier .

The customs clearance, transportation and delivery charges has to be borne by the supplier

**Indigenous :**

The applicable GST and IGST will be paid as per Govt norms

19) Any dispute arising out of this contract shall be settled only at the court having jurisdiction of

Coimbatore.

20) The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.

21). Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of Registrar shall be final.

22 ) A**greement** :

For the fulfilment of the order, Successful tenderer shall execute an agreement for the fulfilment of contract in Rs.100.00 Non judicial stamp paper of Tamil Nadu Government . If failed to execute the agreement, the EMD will be forfeited. The conditions stipulated in the form should be strictly adhered to and violation of any of the conditions will entail termination of the contract without prejudice to be right of the University and to recover any consequential loss from the successful tenderer.

23). **Loss or Damage**: External damages or shortages that are prima facie the results of rough handling in transit or due to defective packing will be intimated within a fortnight from the date of receipt of the material, Internal defects, damages of any internal parts that cannot ordinary be exhibited on superficial inspection though due to bad handling in transit or defective packing will be intimated within two months from the date of receipt of the stores. In either case the damaged or defective stores will have to be taken back at supplier’s cost and risk.

24) **Guarantee**: The Supplier shall undertake to repair free of charge or replace any defective part of the equipment supplied due to defective or faulty design or bad workmanship during a period of three years from the date of commissioning of the equipment.

25) **Leaflets and Descriptive Literature**: Full descriptive particulars and manuals of the equipment offered should accompany the tender. Information regarding the country of manufacturer or origin of materials in the manufacture of articles should be furnished.

26) **Tests:** Manufacturer’s certificate for the routine tests specified in the BSS of the test issue or as per manufacturer’s standard practice should be forwarded in duplicate. The materials will be rejected, if the test results are not satisfactory.

27) **Penalty Clause**: The delivery should be guaranteed by you under the penalty clause mentioned hereunder:

“Should delivery be delayed by strike, lockouts, fire accidents or any cause whatsoever, beyond the reasonable control of the contractor and whether such delay or impediment occurs before or after the time or extended time for dispatch or completion, a reasonable extension time shall be granted.

If the contractor fails in due performance of this contract, within the time fixed by the contractor the extension thereof , the contractor is liable at discretion of the purchaser to a penalty of 4% per month of the contract value of such portion only of materials as cannot, in consequence of the delay, be used during each month between the appointed or extended time as the case may be and the actual time of acceptance, and such penalty shall be in full satisfaction of the contractor’s liability for the delay but shall no in any case exceed 25 % of the contract value of such portion of the materials.

28). If the successful tenderer failed to act up to the tender or backs out when his tender

accepted, Security deposit will also be forfeited .

29) The material should be supplied strictly in accordance with the specifications given in the Appendix and should fulfil the successful tests carried out by the Competent Authority of the University. The supply and installation should be made as per the delivery schedule The guarantee period shall take effect from the date of installation. Successful tenderer shall be liable to change any defective part during the warranty period. In either case the damaged or defective items will have to be taken back at supplier’s cost and risk.

30) Training at University Campus at free of charge.

31) No communications from any tenderer adding to/adhering or explaining any terms of the tender will be considered prior to the submission or after opening of the tenders by the competent authority

32) **Amendment**

Tender Inviting Authority may amend the tender wherever it is felt that such an

amendment is absolutely necessary.

In case of any modifications in specifications/terms and conditions/ any clarifications to the bid document it will be uploaded in the website only and bidders are requested to verify the amendments before the submission of the tender provided no such change could be effected 48 hours prior to the time fixed for opening of the tender

The tender shall be submitted subject to and agreeing the above terms and conditions duly attested and certified.

**TO BE FILLED IN BY THE TENDERER:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Tender Cost** | | **EMD** | |
| **DD No /Date** | **Amount** | **DD No/Date** | **Amount** |
|  |  |  |  |

**SIGNATURE OF THE TENDERER WITH SEAL**

**APPENDIX**

**Specifications for Multimode plate Reader Qty.req : 1No.**

|  |  |  |  |
| --- | --- | --- | --- |
| **General** | | | |
| Wavelength Selection | Should have Quadruple Monochromators. Should have Two excitation Monochromator and Two Emission Monochromator for wavelength selection. | | |
| Detection method | Should be capable to read Fluorescence, Time-Resolved Fluorescence, Luminescence and UV-Visible Absorbance. | | |
| Read method | Should be able to perform End-point, kinetic, spectral scanning, well-area scanning assays. | | |
| Microplate types | Should read 6, 12, 24, 48, 96 and 384-well plates without need for any adapters. | | |
| Maximum Plate Height | Absorbance: 0.8" (20.3 mm) Fluorescence & Luminescence: 0.89" (22.6 mm) | | |
| Temperature control | Ambient +4°C to 45°C + 0.2°C at 37°C. **It should also have Condensation control system to minimize condensation on plate lids during incubated process. The incubation should be through natural heat convection to prevent edge effects in incubated assays.** | | |
| Shaking | It should have linear, orbital, double orbital plate shaking modes. Also the speed and duration should be programmable. | | |
| Software | Single integrated windows based software for Reader control and data analysis should be supplied with the instrument. The software should be able to analyze the data and perform the calculations.  Software must have Quick Read function to enable read the plate without lengthy protocol definition. | | |
| **Absorbance** | | | |
| Light source | Xenon Flash Lamp. Lamp Life should be at least 1 billion flashes | | |
| Wavelength selection | Monochromator | | |
| Wavelength range | 230 - 999 nm, 1 nm increment | | |
| Bandpass | 4 nm (230-285 m), 8 nm (>285 m) | | |
| Dynamic range | 0 - 4.0 OD | | |
| **Resolution** | **0.0001 OD** | | |
| Pathlength correction | Pathlength Correction facility should be available as a standard feature. | | |
| Monochromator wavelength accuracy | +/- 2 nm | | |
| Monochromator wavelength repeatability | +/- 0.2 nm | | |
| OD accuracy | < 1% at 2.0 OD typical < 3% at 3.0 OD typical | | |
| OD linearity | < 1% from 0 to 3.0 OD typical | | |
| OD repeatability | < 0.5% at 2.0 OD typical | | |
| Stray light | 0.03% at 230 nm typical | | |
| Reading speed | 96: 11 seconds 384: 22 seconds | | |
| **Fluorescence Intensity** | | | | |
| Sensitivity | | | **Top: Fluorescein 2.5 pM (0.25 fmol/well 384-well plate)**  **Bottom: Fluorescein 4 pM (0.4 fmol/well 384-well plate)** | |
| Light source | | | Xenon Flash Lamp | |
| Wavelength selection | | | Double grating monochromators (Top and Bottom) | |
| Wavelength range | | | 250 – 900 nm | |
| **Dynamic range** | | | **7 decades ( 0 – 9,999,999 RFU)** | |
| Detection system | | | PMT | |
| Gain Settings | | | Should be able to program Auto or Manual gain settings for PMT | |
| Reading speed | | | 96: 11 seconds; 384: 22 seconds | |
| **Time Resolved Fluorescence** | | | | |
| Light Source | | | Xenon flash lamp | |
| Wavelength range | | | 250 – 900 nm | |
| Sensitivity | | | Europium 1200 fM (120 amol/well in 384-well plate) | |
| **Luminescence** | | | | |
| Sensitivity | | | 20 amol ATP (flash)  100 amol ATP (glow) | |
| Wavelength range | | | 300 - 700 nm | |
| Dynamic range | | | > 6 decades ( 0 – 5,800,000 RLU) | |
| Desktop PC and printer | | | * Windows OS, Hard Disk Capacity: 1TB,Intel core i5 processor or above * NVIDIA graphics card, RAM: 8GB, DVD Drive * Monitor: 24 inch or above * Keyboard and mouse * Color Laser printer | |
| Suitable online UPS with batteries | | | * minimum 4 hrs backup should be quoted | |
| Warranty | | | * Standard Warranty: 1 years from the date of installation + Comprehensive warranty: 2 years = 3 years | |
| **Power Requirements** | | | | |
| Power | | | | 100-240 VAC 50/60 Hz. 130 Watts max |
| **Regulatory** | | | | |
| Regulatory | | | | Instrument should be CE and NRTL Safety Agency marked. |
| **It should be upgradeable on site to include Anisotropy integrated in the same unit for future needs. Also should be able to add CO2/O2 control for Cell based assay and dual reagent dispenser for fast kinetics and flash fluorescence / Luminescence assays.** | | | | |

**SIGNATURE OF THE TENDERER**

**ANNEXURE – I**

**TECHNICAL BID**

**Tender reference No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Name and address of Bidder**
2. **The details of EMD**

**Amount of EMD Rs.\_\_\_\_\_\_\_\_\_\_\_, DD No. \_\_\_\_\_\_\_\_\_\_\_\_ dt**

**Bank:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Due Date of bid :**
2. **The bid shall remain valid for acceptance for 180 days, from the date of tender opening.**
3. **Schedule of Requirements:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sl.No | Brief description of stores | | | | Qty  Required | Qty  Offered | Delivery | Unit  price  (Rs) | Total Cost  (Rs) |
|  |  | | | |  |  | At Bharathiar University  Coimbatore | To be filled in Annex:II |  |
| (i) | GST |  | % |  | | - | - |  |  |
| (ii) | **Standardwarranty-1 year**  **Comprehensive warranty: 2 years** | |  |  | |  |  |  |  |
| (ii) | Other charges, if any | | | | | - | - |  |  |
| **Grand total cost in Rs.** | | | | | | | |  | |
| Total cost (in words) Rupees. | | | | | | | | | |

**Note: (1) All columns must be filled up.**

**(2) Adhering to the format given above is a pre- requisite for considering your bid.**

**(3) Please indicate applicability.**

**I/certify that I/We have completely read and understood and agree to all the terms & conditions given in Part II.**

**Date : Signature of Bidder :**

**Office Stamp: Signing as :**

**Name in block letters :**

**Mobile No. Fax No. e mail**

**ANNEXURE: II**

**PRICE BID**

**Tender reference No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Name and address of Bidder**
2. **The details of EMD**

**Amount of EMD Rs.\_\_\_\_\_\_\_\_\_\_\_, DD No. \_\_\_\_\_\_\_\_\_\_\_\_ dt**

**Bank:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Due Date of bid :**
2. **The bid shall remain valid for acceptance for 180 days, from the date of tender opening.**
3. **Rates for items given in Techno-commercial offer at Schedule of requirements are as follows:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SlNo | Brief description of stores | | | | Qty. Offered | Delivery | Unit  price | Total Cost |
|  |  | | | |  | At Bharathiar University  Coimbatore |  |  |
| (i) | GST |  | % |  | - | - |  |  |
| (ii) | Other charges, if any | | | | - | - |  |  |
| **Grand total** | | | | | | |  | |
| Total cost (in words) Rupees. | | | | | | | | |

**NOTE :(1) All columns must be filled up.**

**(2) Adhering to the format given above is a pre- requisite for considering your bid.**

**(3) Please indicate applicability.**

**Date : Signature of Bidder :**

**Office Stamp Signing as :**

**Name in block letters :**

**Tele No. Fax No. e mail**

**LETTER OF ACCEPTANCE**

**To**

**THE REGISTRAR**

**BharathiarUniversity**

**Coimbatore – 641 046**

**I/We agree to furnish required supplies /services as detailed in the Tender schedule or such portions thereof as you may specify in the Acceptance of Tender in accordance with the General Terms and Conditions governing the contract / supply order enclosed hereto duly accepted on receipt of the order for the same.**

**I /We agree to hold this offer open until and shall be bound to supply / omission /erect the equipment and dispatch the same within the specified period.**

**I/ We agree to supply and commission /erect the equipment and complete the whole of the work and hand over to the purchaser within the period of weeks. From the date of receipt of intimation from you regarding acceptance of this tender / receipt of supply order.**

**Signature of the bidder**

**With office stamp**

**Name & Address**

**Station**

**Date:**